

Abstract

An anode-cathode sub-assembly for an electrochemical cell wherein a combination of an elongated alkali metal anode and elongated solid cathode with separator therebetween is wound using a mandrel to form the sub-assembly having a jellyroll type configuration and wherein the winding is performed in a manner so that upon removal of the mandrel from the completed sub-assembly, in the event any portion of the separator contacted by the mandrel is impaired, this will not cause an electrical short circuit in an electrochemical cell containing the sub-assembly.

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